



State Approved Courses for Manufacturing Programs School Year 2018-19

	Production Pathway	Manufacturing Production Process Development Pathway	Maintenance, Installation & Repair Pathway	Quality Assurance Pathway	Logistics & Inventory Control Pathway	Health, Safety & Environmental Assurance Pathway
Foundational CTE Courses	Career Exploration (22151) Foundations of Technology (10004^) Employability Skills (22152^) Leadership and Service (22101^) Entrepreneurship (12053^) *.5 credits of Foundational CTE courses can be counted toward students' 2-credit concentrator status					
Cluster Courses	Introduction to Manufacturing (13001) Intro to Technical Education (21051) Electronics (17106) Introduction to Drafting & Design (21102)					
Pathway Courses	Advanced Machine To Welding Technology (1 Advanced Welding Tec	ogy (13203) >>>>>>> ol Technology (13204) > .3207) >>>>>> hnology (13208) >>>>	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>			
Dual Credit Courses	Visit www.sdmylife.com for a full list of dual credit courses in the Manufacturing Career Cluster.					
Academic Courses	Geometry (02072^) Pre-Calculus (02110) Physics (03151^) *.5 credits of relevant academic coursework can be counted toward students' 2-credit concentrator status					
Capstone Courses	Entrepreneurship Experience (80026) Senior Experience (80019^) Service Learning (22104) Youth Internships (80018^) *Up to 1 credit of capstone coursework can be counted toward students' 2-credit concentrator status					